Order-No.: DD+DIS101.99E

1 Piece TPCL8 MA1

May 99

ADC COMPACT
Type 5145

Modification Instructions

Please file this document in section 10 of
your Technical Documentation ADC Compact.

Software Version COP_1215 for ADC – Compact

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1 General

1.1 Hardware Requirements

VME – Rack:

- 33 MHz Gemini Board
- EEPROM Mon 4.26
- 32 MB MEMORY Board
- BER – Board with Ethernet
- SCB, Scan-Ctrl-Board, Revision 0.
- SAB, Scan-Acquisition-Board, Revision 0.
- Adapter Board, Revision 0.
- Floppy (no SCSI)
- 1.2 GB SCSI Hard-Disk

1.2 Software Requirements

Either:

Configuration	Preview and ID-Station	Processing-Device	Medical-Gateway (HC)
one ADC-Compact connected to **VIPS** connected to **Preview & ID-Stations** connected to **MG/LR3300**	PRID1.1.02	DIPS1.0.03	MEGA332 OEM35xxx Mon 4.03 DCM2.3.3 LTP01804

or:

Configuration	Preview and ID-Station	Processing-Device	Medical-Gateway (HC)
one ADC-Compact connected to **VIPS** connected to **Preview & ID-Stations** connected to **MG/LR3300**	PRID1.1.05	VIPS1.0.05	MEGA332 OEM35xxx Mon 4.03 DCM2.3.3 LTP01804

or higher versions.

Do not mix the above PRID and DIPS combinations !

1.3 Order Number: CM+9.5145.1050.2

1.4 Scope of delivery

- 4 x floppy disks (1 x boot floppy, 3 x application program floppies)
- 1 x modification instructions

1.5 Year 2000

- COP_1215 is completely year 2000 compliant

2 What is new in COP_1215

- ID-Data Read/Write function
- Check on range of ID-Data is now fully implemented. Cassettes are refused in case a plate type or a destination is not known by ADC Compact.
- Calibration is now calculated over 256 lines. It is now possible to calibrate smaller formats with smaller IPs. Former it was only possible to use the largest format for calibration of all IP-sizes.
- All IOBUS-nodes are checked on availability at startup, inclusively test of 2/4A jumper.
- The occurance of a "cooling delay" message in case of dose 300mR is reduced.
- The emergency function is possible to be used during startup (warming up of laser) now.
- The private DICOM element "image quality" is now set depending on correct parameters and laser power. In case a problem is detected the postprocessor (VIPS) displays .
- Check of VME temperature (sensor on SAB-Board is implemented).
- The slight banding problem of the 30x15 format is solved.
- Subnet Problem: Earlier versions had problems to address a destination in a different subnet. This is solved in COP_1215.
- The Infocounter-file has changed from ICN.TXT to <5145><FN>.ICN. If the Infocounters are collected automatically via a servicehost, the SH has to be configured in a way it seeks for the new filename.

3 Known Bugs in COP_1215

- Under very special circumstances the info counter contents can be lost in case of switching off the device during operation.
- In case of reinstalling an older version after COP_1215 was already running, the files ICN.DAT and ICN_1001.DAT either have to be erased manually (loss of all info counter entries) or the previous machine specific data have to be restored.

4 Installation

4.1 Installation on a virgin Hard-Disk

- Take the boot floppy of COP_1215 and insert it into the disk drive of ADC-Compact
- Disconnect ADC-Compact from the network (since a default IP-Address & hostname is configured)
- Press the Reset button on ADC-Compact
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.

- Insert the first floppy of the COP_1215 Release Disks into the disk drive of ADC-Compact
- Press the Reset button of ADC-Compact
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.

- Proceed in the same way with the second and the third Release Disk.

- In case of an already installed device , restore the device specific parameters by the following guidelines of the Service Menu Topic *Install from floppy, Machine specific data.* **Without restoring the device specific parameters, an operation is not possible.**
- In case of a brand new configuration parse the CPF-File using the guidelines of the Service Menu Topic *Install from floppy, CPF- File,* displayed on the userinterface.
- Reconnect ADC-Compact to the network.

4.2 Upgrade of Versions COP_1111/1112 to COP_1215

4.2.1 Software

Follow the guidelines on Compact's LCD of the Service Menu Topic *Install from floppy, Software.*

- The image FIFO of SCB (Scan Ctrl Boards) is now checked during initilization.

  In case of a failure Error message 20334 is displayed.
  Reason: FIFO is defective
  Remedy: Do either exchange the board or use the old SW for a while.

- The configuration procedure (CPF-Parser) is changed.

This requires that the CPF has to be parsed (Service-Menu: Configure, Local Network ID) again after the SW- Update.

4.2.2 Hardware

- no special requirements

5 Important Remarks

- to avoid any formatting, the ‚format' program is delivered no more.
  'format' would cause a complete loss of the test images.